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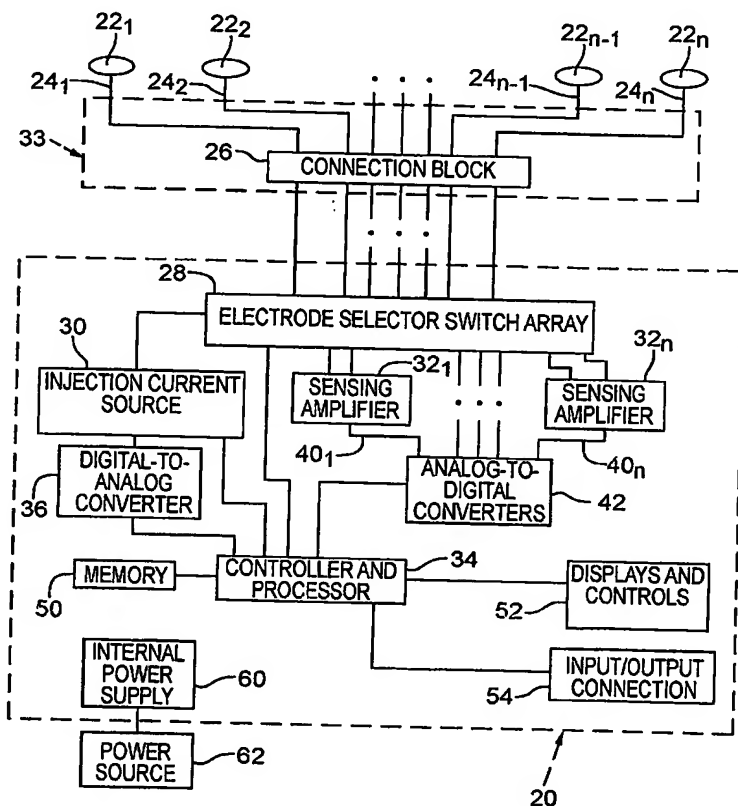
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(54) Title: METHODS OF AND APPARATUS FOR DETERMINING FLUID VOLUME PRESENCE IN MAMMALIAN TISSUE



(57) Abstract: Methods and apparatus (20) process noninvasively measured electrical bio-impedance values and perform a technique that indicates whether there exists a change from a homeostatic fluid condition, preferably with respect to blood loss, in mammalian tissue. Analyses can be performed to determine a presence or a change in volume of fluid in an anatomical space of a mammal. A preferred implementation of such technique is embodied in an instrument that carries out a method that may predict an onset of a hemorrhagic shock condition.



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